

Fig. 1

[illegible]

- 1) The angle of the first wall is entered here.
- 2) The length of the first wall is entered here.
- 3) The data are input with the input button.
- 4) The start point of the first wall is established by clicking on the screen at the desired spot.

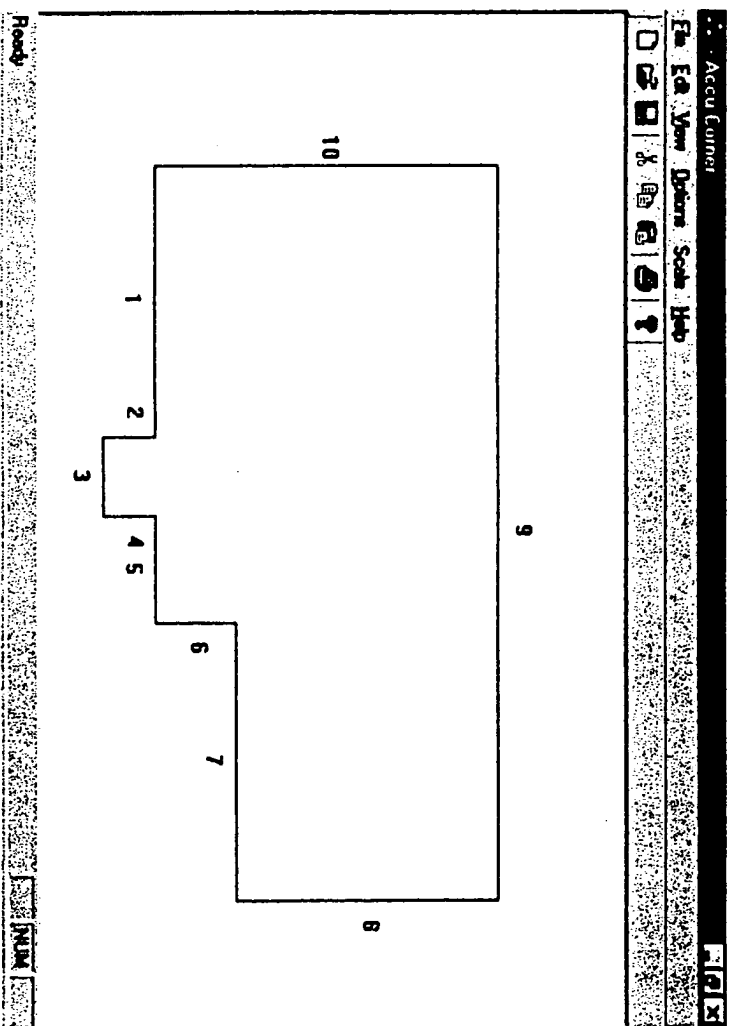


Fig. 3

View or Modify Wall Data

Change

Add

OK

Cancel

Wall	Distance			Radius		
	Feet	Inches	Angle	Feet	Inches	Angle
1	20	8	0.000000	0	0	0
2	4	0	270.000000	0	0	0
3	6	0	0.000000	0	0	0
4	4	0	90.000000	0	0	0
5	8	0	0.000000	0	0	0
6	6	0	90.000000	0	0	0
7	21	4	0.000000	0	0	0
8	20	0	90.000000	0	0	0
9	56	0	180.000000	0	0	0
10	26	0	270.000000	0	0	0

Wall

Angle (deg)

Distance

Radius

Feet

Inches

Angle

Feet

Inches

Angle

1

0

0

20

8

0

0

0

0

0

Radius

Feet

Inches

Angle

Feet

Inches

Angle

0

0

0

0

0

0

0

Fig. 4

pt: 1, distance A: 36.000000, distance B: 66.573268
 pt: 2, distance A: 41.510374, distance B: 50.442487
 pt: 3, distance A: 45.023451, distance B: 53.370820
 pt: 4, distance A: 48.074017, distance B: 49.602867
 pt: 5, distance A: 44.800794, distance B: 46.437533
 pt: 6, distance A: 49.977773, distance B: 41.846280
 pt: 7, distance A: 45.845150, distance B: 36.811834
 pt: 8, distance A: 63.529521, distance B: 30.000000
 pt: 9, distance A: 56.885851, distance B: 10.000000
 pt: 10, distance A: 10.000000, distance B: 56.885851
 pt: 11, distance A: 36.000000, distance B: 66.573268

pt: 1, distance A: 36'-0" , distance B: 66'-6 7/8"
 pt: 2, distance A: 41'-6 1/8" , distance B: 50'-5 5/16"
 pt: 3, distance A: 45'-0" , distance B: 53'-4 7/16"
 pt: 4, distance A: 48'-0" , distance B: 49'-7 1/4"
 pt: 5, distance A: 44'-9 5/8" , distance B: 46'-5 1/4"
 pt: 6, distance A: 49'-11 3/4" , distance B: 41'-10 1/8"
 pt: 7, distance A: 45'-10 1/8" , distance B: 36'-9 3/4"
 pt: 8, distance A: 63'-6 3/8" , distance B: 30'-0"
 pt: 9, distance A: 56'-10 5/8" , distance B: 10'-0"
 pt: 10, distance A: 10'-0" , distance B: 56'-10 5/8"
 pt: 11, distance A: 36'-0" , distance B: 66'-6 7/8"

Fig. 6

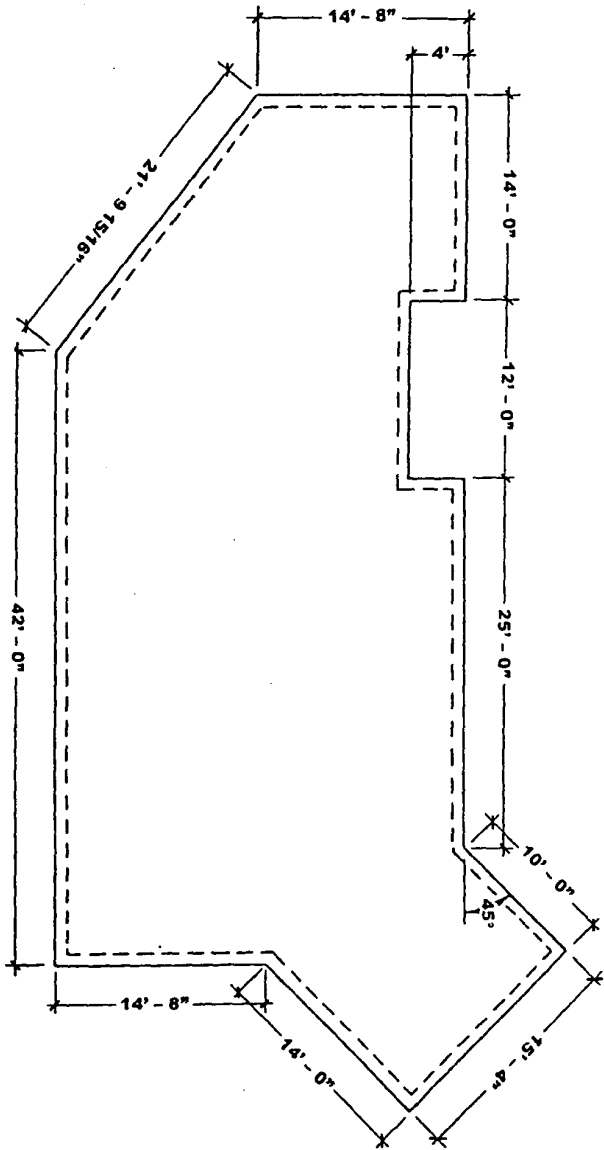


Fig. 7

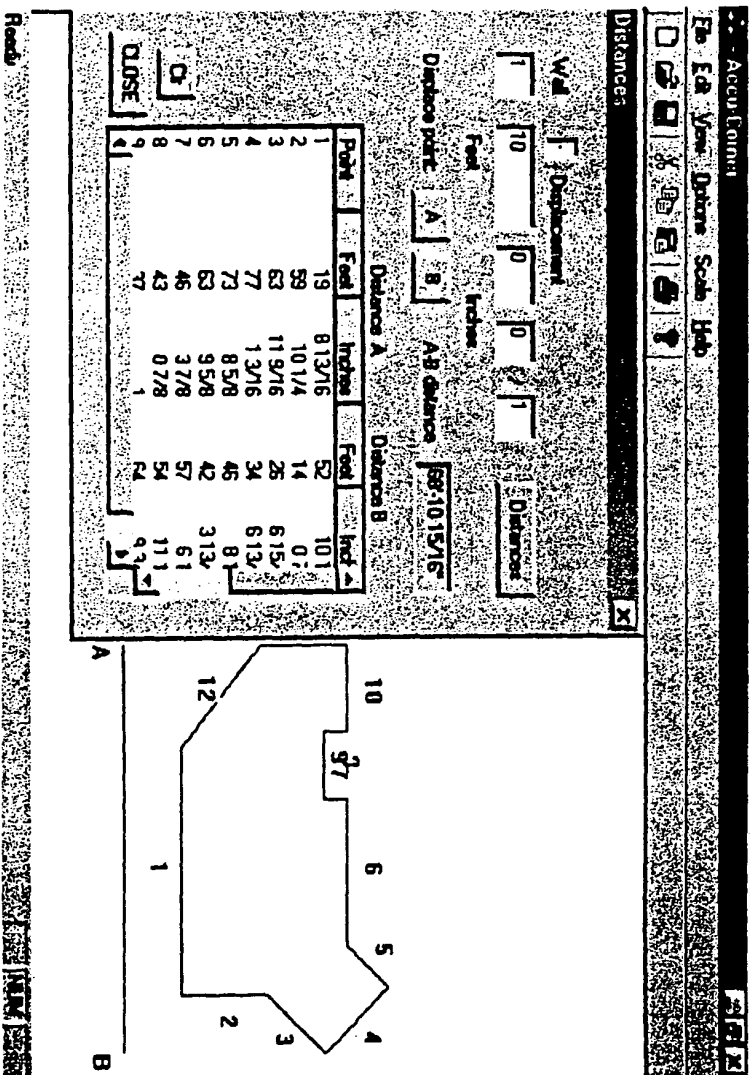


Fig. 9

pt: 1, distance A: 19.735045, distance B: 52.854116
 pt: 2, distance A: 59.855139, distance B: 14.071247
 pt: 3, distance A: 63.961567, distance B: 26.579023
 pt: 4, distance A: 77.096513, distance B: 34.566162
 pt: 5, distance A: 73.716875, distance B: 46.684947
 pt: 6, distance A: 63.802477, distance B: 42.316013
 pt: 7, distance A: 46.322306, distance B: 57.544014
 pt: 8, distance A: 43.070371, distance B: 54.960116
 pt: 9, distance A: 37.081759, distance B: 64.765232
 pt: 10, distance A: 40.813675, distance B: 66.971893
 pt: 11, distance A: 38.337398, distance B: 78.859425
 pt: 12, distance A: 23.670731, distance B: 72.865330
 pt: 13, distance A: 19.735045, distance B: 52.854116

pt: 1, distance A: 19'-8 13/16" , distance B: 52'-10 1/4"
 pt: 2, distance A: 59'-10 1/4" , distance B: 14'-0"
 pt: 3, distance A: 63'-11 9/16" , distance B: 26'-6 15/16"
 pt: 4, distance A: 77'-1 3/16" , distance B: 34'-6 13/16"
 pt: 5, distance A: 73'-8 5/8" , distance B: 46'-8 1/4"
 pt: 6, distance A: 63'-9 5/8" , distance B: 42'-3 13/16"
 pt: 7, distance A: 46'-3 7/8" , distance B: 57'-6 1/2"
 pt: 8, distance A: 43'-0" , distance B: 54'-11 1/2"
 pt: 9, distance A: 37'-1" , distance B: 64'-9 3/16"
 pt: 10, distance A: 40'-9 3/4" , distance B: 66'-11 11/16"
 pt: 11, distance A: 38'-4 1/16" , distance B: 78'-10 5/16"
 pt: 12, distance A: 23'-8 1/16" , distance B: 72'-10 3/8"
 pt: 13, distance A: 19'-8 13/16" , distance B: 52'-10 1/4"

Fig. 10

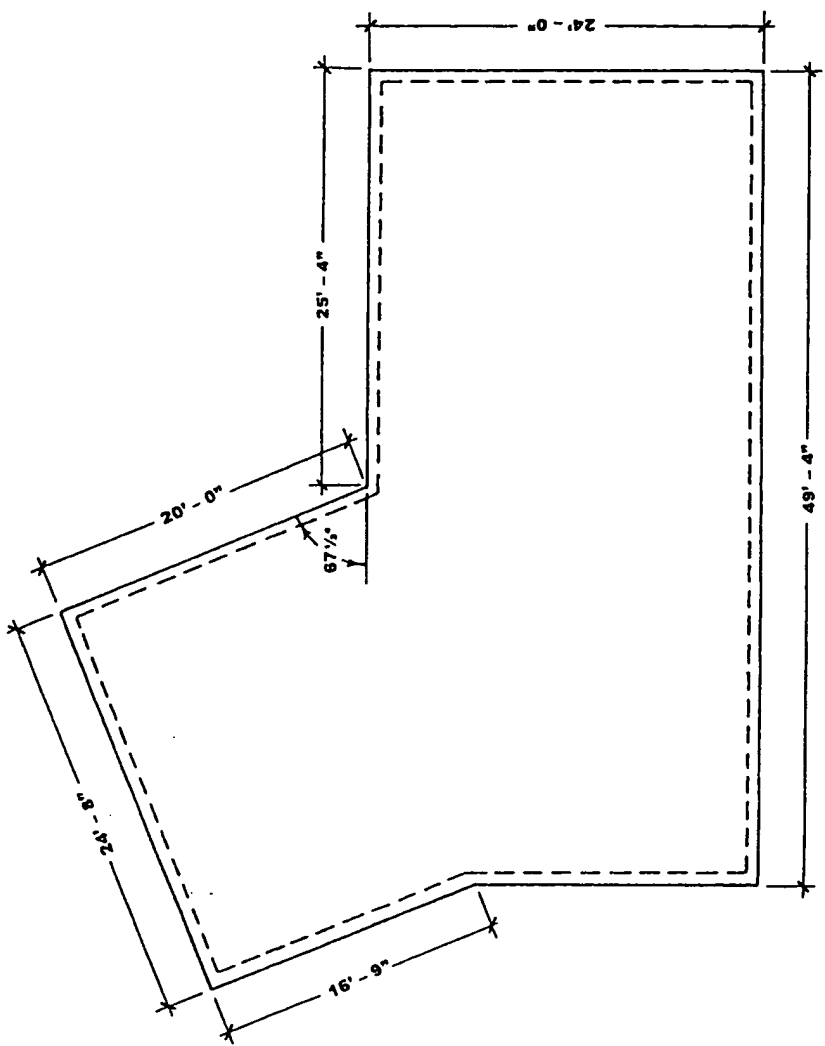


Fig. 11

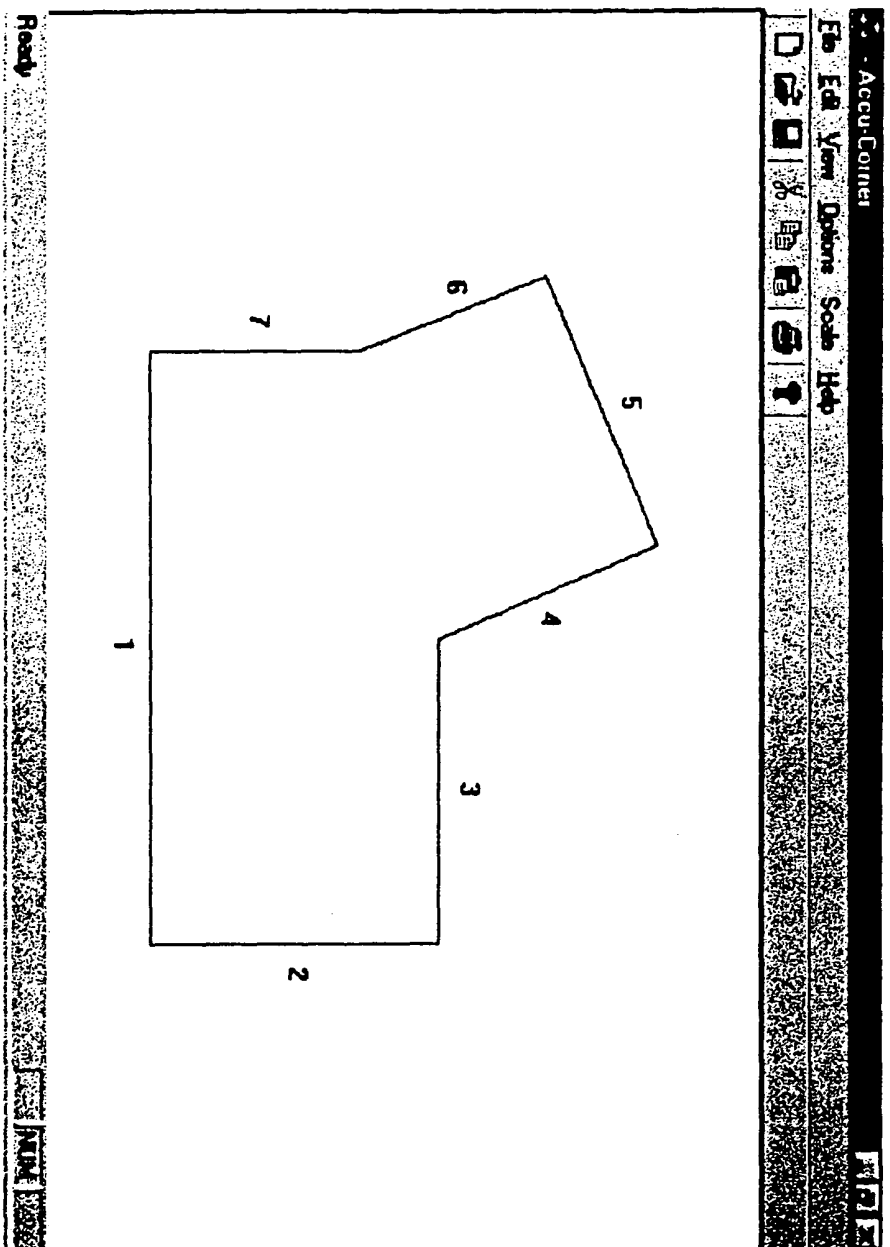


Fig. 13

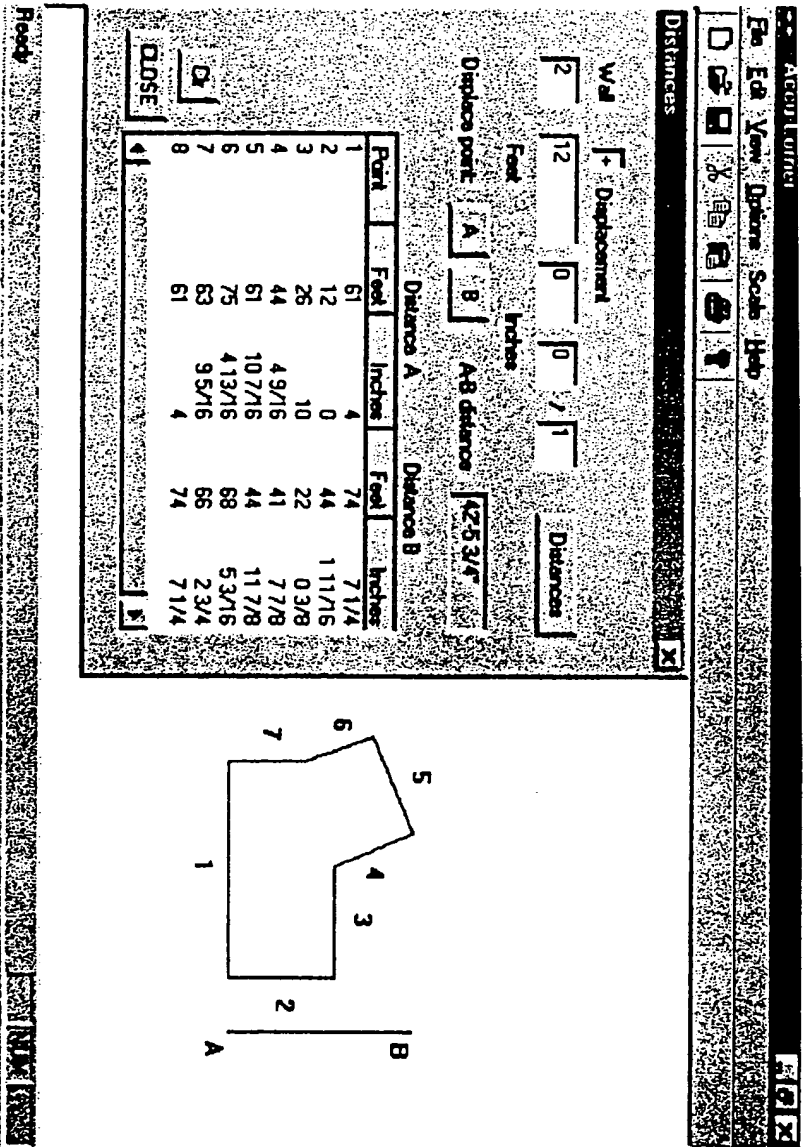


Fig. 14

pt: 1, distance A: 61.333333, distance B: 74.606457
 pt: 2, distance A: 12.000000, distance B: 44.140071
 pt: 3, distance A: 26.832815, distance B: 22.032281
 pt: 4, distance A: 44.382178, distance B: 41.655721
 pt: 5, distance A: 61.872256, distance B: 44.987000
 pt: 6, distance A: 75.399629, distance B: 68.430218
 pt: 7, distance A: 63.776710, distance B: 66.230327
 pt: 8, distance A: 61.333333, distance B: 74.606457

 pt: 1, distance A: 61'-4"', distance B: 74'-7 1/4"
 pt: 2, distance A: 12'-0"', distance B: 44'-1 11/16"
 pt: 3, distance A: 26'-10"', distance B: 22'-0"
 pt: 4, distance A: 44'-4 9/16"', distance B: 41'-7 7/8"
 pt: 5, distance A: 61'-10 7/16"', distance B: 44'-11 7/8"
 pt: 6, distance A: 75'-4 13/16"', distance B: 68'-5 3/16"
 pt: 7, distance A: 63'-9 5/16"', distance B: 66'-2 3/4"
 pt: 8, distance A: 61'-4"', distance B: 74'-7 1/4"

Fig. 15

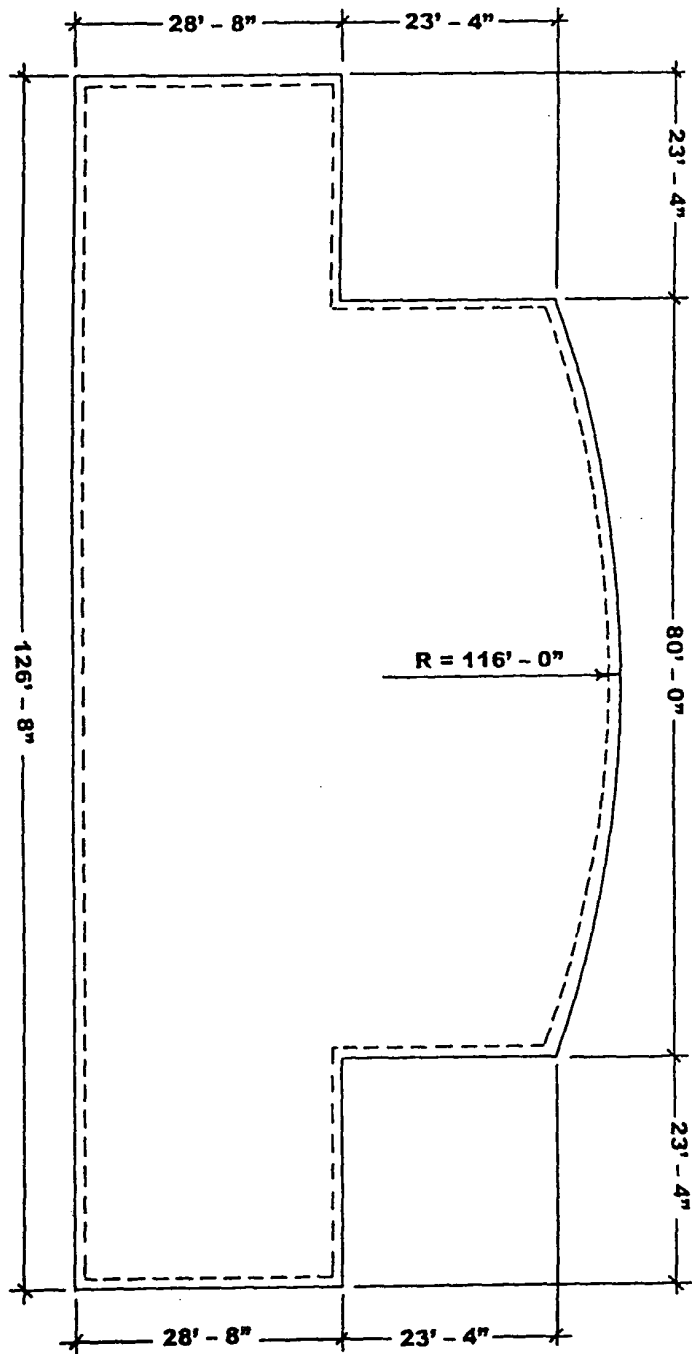


Fig. 16

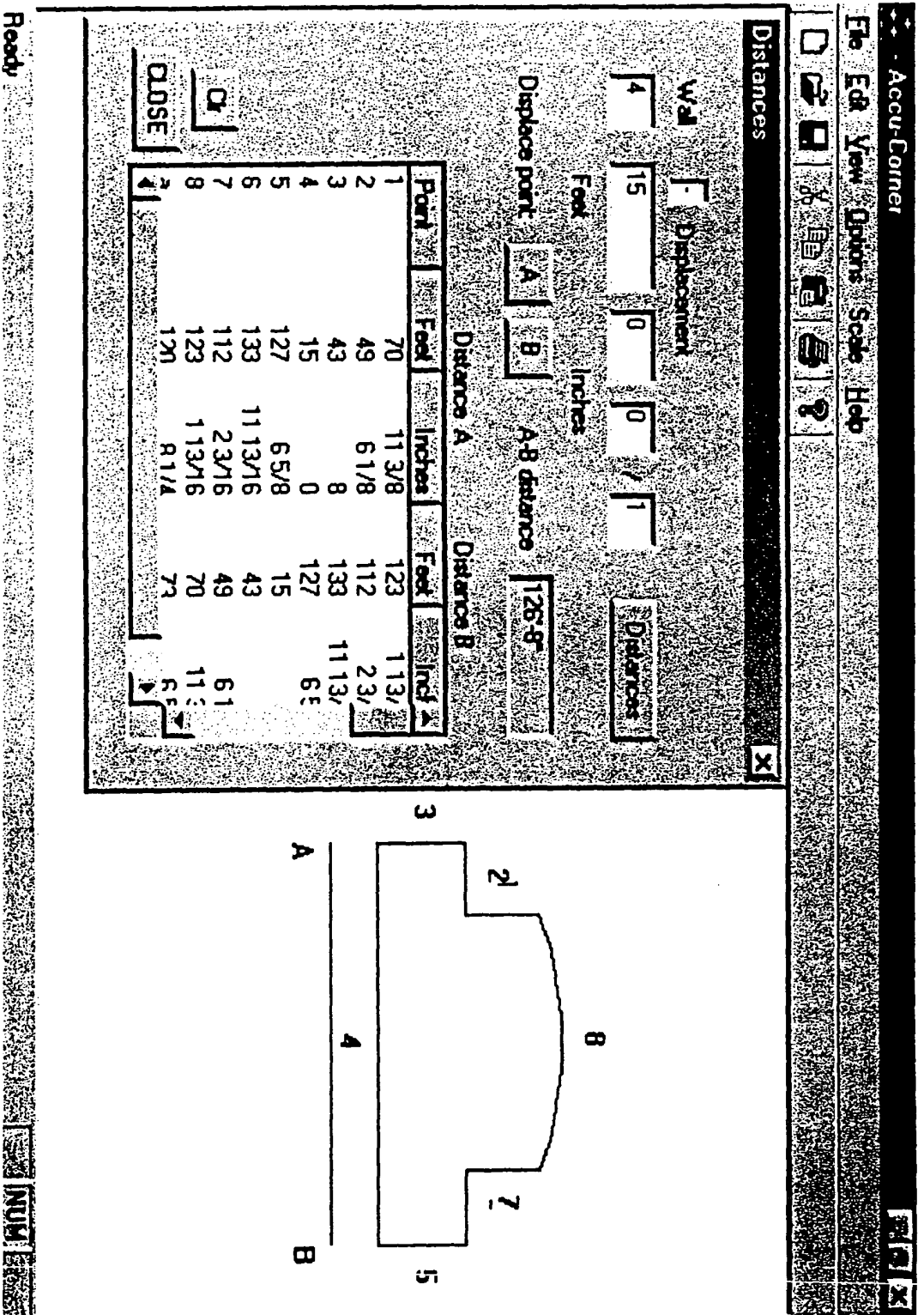


Fig. 17

pt: 1, distance A: 70.946772, distance B: 123.153472
 pt: 2, distance A: 49.509819, distance B: 112.180905
 pt: 3, distance A: 43.666667, distance B: 133.982171
 pt: 4, distance A: 15.000000, distance B: 127.551732
 pt: 5, distance A: 127.551732, distance B: 15.000000
 pt: 6, distance A: 133.982171, distance B: 43.666667
 pt: 7, distance A: 112.180905, distance B: 49.509819
 pt: 8, distance A: 123.153472, distance B: 70.946772
 pt: a, distance A: 120.689223, distance B: 73.551015
 pt: b, distance A: 118.198007, distance B: 76.178580
 pt: c, distance A: 115.681270, distance B: 78.824042
 pt: d, distance A: 113.140535, distance B: 81.482540
 pt: e, distance A: 110.577403, distance B: 84.149700
 pt: f, distance A: 107.993570, distance B: 86.821571
 pt: g, distance A: 105.390836, distance B: 89.494568
 pt: h, distance A: 102.771111, distance B: 92.165424
 pt: i, distance A: 100.136437, distance B: 94.831151
 pt: j, distance A: 97.489000, distance B: 97.489001
 pt: k, distance A: 94.831150, distance B: 100.136437
 pt: l, distance A: 92.165422, distance B: 102.771110
 pt: m, distance A: 89.494565, distance B: 105.390835
 pt: n, distance A: 86.821568, distance B: 107.993569
 pt: o, distance A: 84.149696, distance B: 110.577401
 pt: p, distance A: 81.482536, distance B: 113.140533

pt: q, distance A: 78.824037, distance B: 115.681268
 pt: r, distance A: 76.178575, distance B: 118.198004
 pt: s, distance A: 73.551009, distance B: 120.689219
 pt: 9, distance A: 70.946772, distance B: 123.153472

pt: 1, distance A: 70'-11 3/8"', distance B: 123'-1 13/16"
 pt: 2, distance A: 49'-6 1/8"', distance B: 112'-2 3/16"
 pt: 3, distance A: 43'-8"', distance B: 133'-11 13/16"
 pt: 4, distance A: 15'-0"', distance B: 127'-6 5/8"
 pt: 5, distance A: 127'-6 5/8"', distance B: 15'-0"
 pt: 6, distance A: 133'-11 13/16"', distance B: 43'-8"
 pt: 7, distance A: 112'-2 3/16"', distance B: 49'-6 1/8"
 pt: 8, distance A: 123'-1 13/16"', distance B: 70'-11 3/8"
 pt: a, distance A: 120'-8 1/4"', distance B: 73'-6 5/8"
 pt: b, distance A: 118'-2 3/8"', distance B: 76'-2 1/8"
 pt: c, distance A: 115'-8 3/16"', distance B: 78'-9 7/8"
 pt: d, distance A: 113'-1 11/16"', distance B: 81'-5 13/16"
 pt: e, distance A: 110'-6 15/16"', distance B: 84'-1 13/16"
 pt: f, distance A: 107'-11 15/16"', distance B: 86'-9 7/8"
 pt: g, distance A: 105'-4 11/16"', distance B: 89'-5 15/16"
 pt: h, distance A: 102'-9 1/4"', distance B: 92'-2"
 pt: i, distance A: 100'-1 5/8"', distance B: 94'-10"
 pt: j, distance A: 97'-5 7/8"', distance B: 97'-5 7/8"
 pt: k, distance A: 94'-10"', distance B: 100'-1 5/8"
 pt: l, distance A: 92'-2"', distance B: 102'-9 1/4"
 pt: m, distance A: 89'-5 15/16"', distance B: 105'-4 11/16"
 pt: n, distance A: 86'-9 7/8"', distance B: 107'-11 15/16"
 pt: o, distance A: 84'-1 13/16"', distance B: 110'-6 15/16"
 pt: p, distance A: 81'-5 13/16"', distance B: 113'-1 11/16"
 pt: q, distance A: 78'-9 7/8"', distance B: 115'-8 3/16"
 pt: r, distance A: 76'-2 1/8"', distance B: 118'-2 3/8"
 pt: s, distance A: 73'-6 5/8"', distance B: 120'-8 1/4"
 pt: 9, distance A: 70'-11 3/8"', distance B: 123'-1 13/16"

Fig. 18

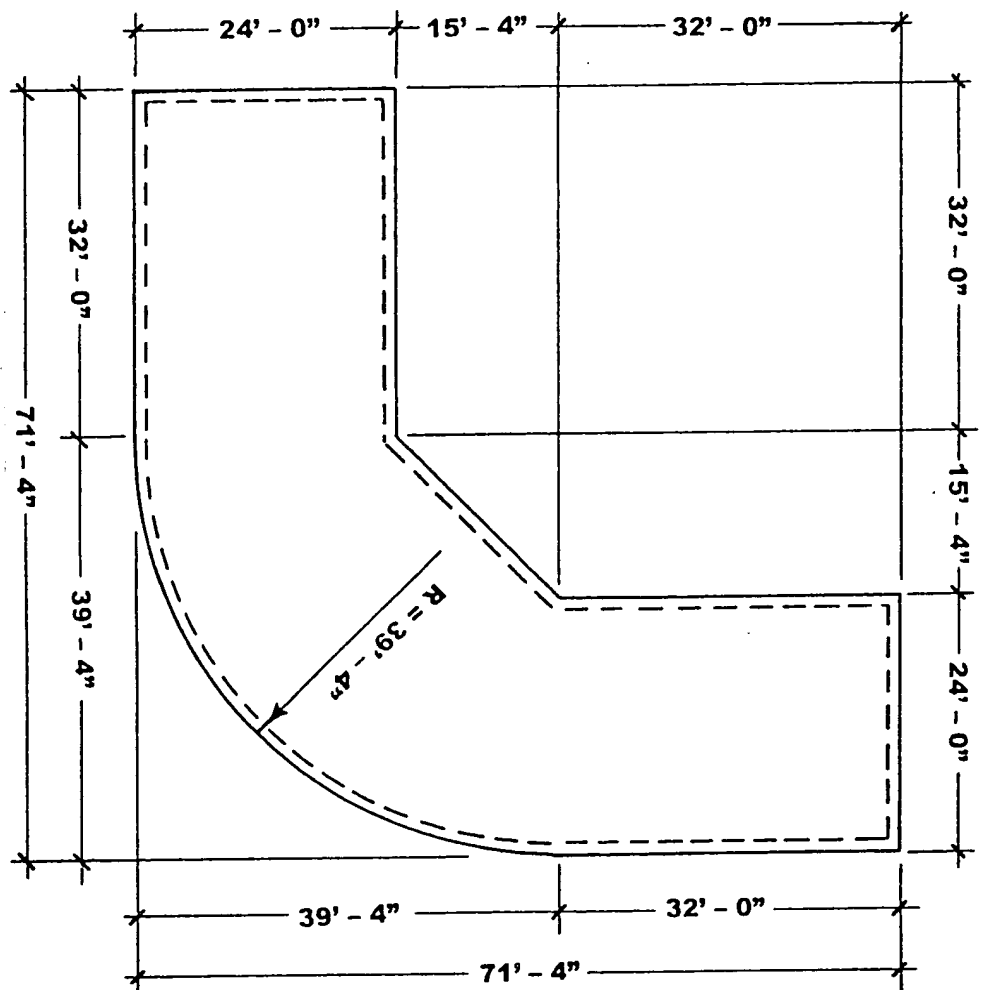
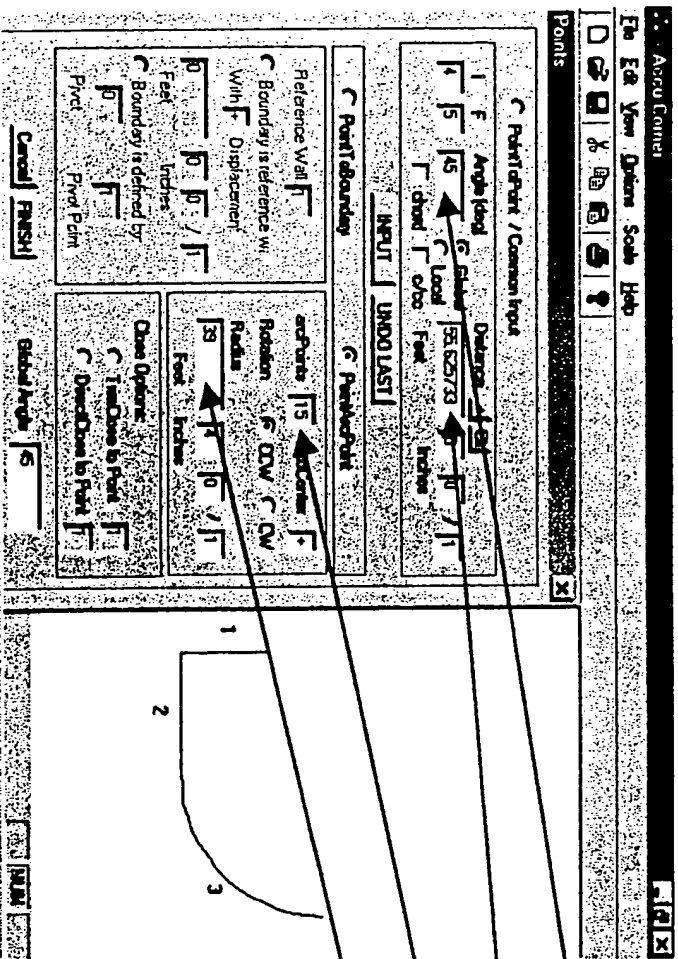


Fig. 19



- 1) The direction of the arc chord
- 2) The newly-acquired chord length
- 3) The desired number of points on the arc
- 4) The arc radius

Fig. 21

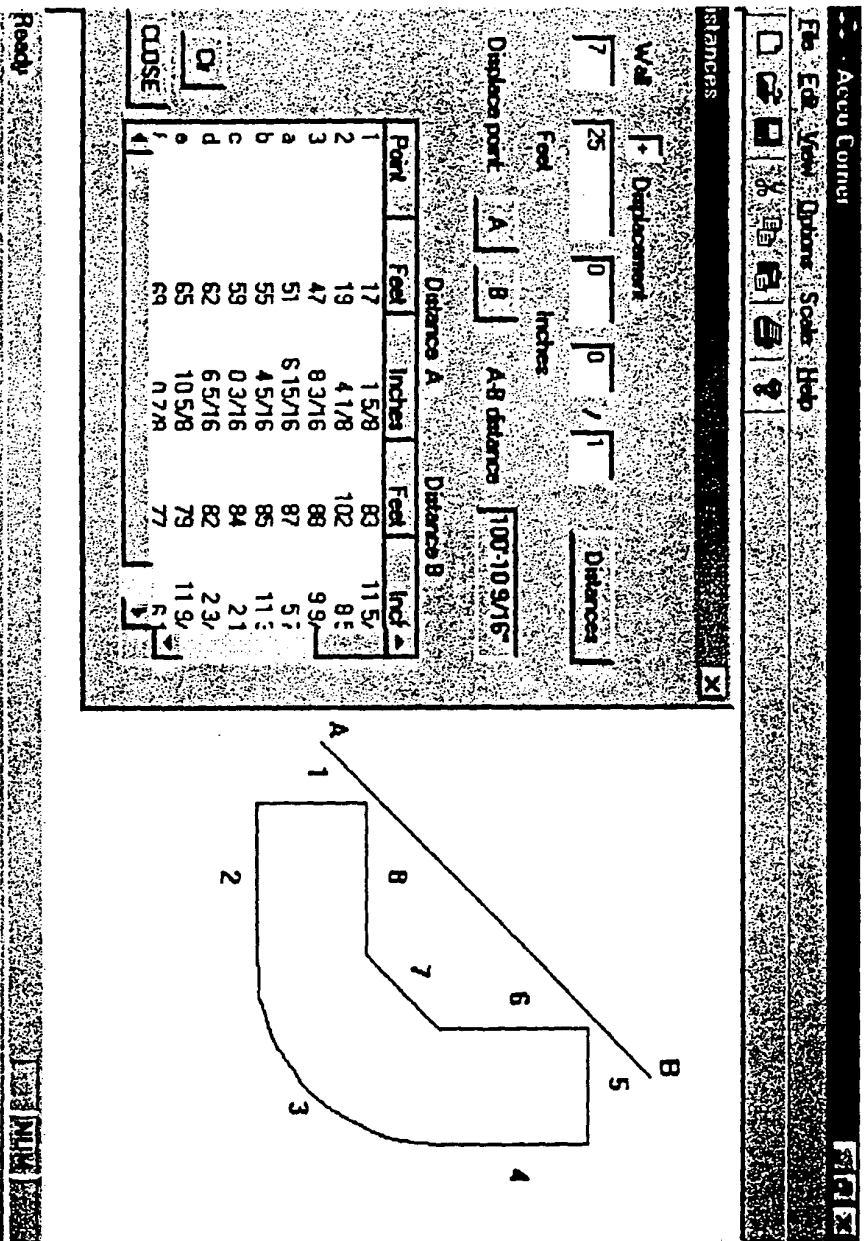


Fig. 22

pt: 1, distance A: 17.135611, distance B: 83.943540
 pt: 2, distance A: 19.343144, distance B: 102.718285
 pt: 3, distance A: 47.681527, distance B: 88.797993
 pt: a, distance A: 51.577011, distance B: 87.489626
 pt: b, distance A: 55.359944, distance B: 85.947332
 pt: c, distance A: 59.014426, distance B: 84.175660
 pt: d, distance A: 62.526363, distance B: 82.179868
 pt: e, distance A: 65.883058, distance B: 79.965918
 pt: f, distance A: 69.072961, distance B: 77.540485
 pt: g, distance A: 72.085499, distance B: 74.910966
 pt: h, distance A: 74.910974, distance B: 72.085490
 pt: i, distance A: 77.540493, distance B: 69.072951
 pt: j, distance A: 79.965924, distance B: 65.883048
 pt: k, distance A: 82.179874, distance B: 62.526352
 pt: l, distance A: 84.175666, distance B: 59.014415
 pt: m, distance A: 85.947336, distance B: 55.359932
 pt: n, distance A: 87.489629, distance B: 51.576998
 pt: 4, distance A: 88.797993, distance B: 47.681529
 pt: 5, distance A: 102.718285, distance B: 19.343147
 pt: 6, distance A: 83.943541, distance B: 17.135610
 pt: 7, distance A: 66.185765, distance B: 46.829478
 pt: 8, distance A: 46.829478, distance B: 66.185765
 pt: 9, distance A: 17.135611, distance B: 83.943540

pt: 1, distance A: 17'-1 5/8" , distance B: 83'-11 5/16"
 pt: 2, distance A: 19'-4 1/8" , distance B: 102'-8 5/8"
 pt: 3, distance A: 47'-8 3/16" , distance B: 88'-9 9/16"
 pt: a, distance A: 51'-6 15/16" , distance B: 87'-5 7/8"
 pt: b, distance A: 55'-4 5/16" , distance B: 85'-11 3/8"
 pt: c, distance A: 59'-0" , distance B: 84'-2 1/8"
 pt: d, distance A: 62'-6 5/16" , distance B: 82'-2 3/16"
 pt: e, distance A: 65'-10 5/8" , distance B: 79'-11 9/16"
 pt: f, distance A: 69'-0" , distance B: 77'-6 1/2"
 pt: g, distance A: 72'-1" , distance B: 74'-10 15/16"
 pt: h, distance A: 74'-10 15/16" , distance B: 72'-1"
 pt: i, distance A: 77'-6 1/2" , distance B: 69'-0"
 pt: j, distance A: 79'-11 9/16" , distance B: 65'-10 5/8"
 pt: k, distance A: 82'-2 3/16" , distance B: 62'-6 5/16"
 pt: l, distance A: 84'-2 1/8" , distance B: 59'-0"
 pt: m, distance A: 85'-11 3/8" , distance B: 55'-4 5/16"
 pt: n, distance A: 87'-5 7/8" , distance B: 51'-6 15/16"
 pt: 4, distance A: 88'-9 9/16" , distance B: 47'-8 3/16"
 pt: 5, distance A: 102'-8 5/8" , distance B: 19'-4 1/8"
 pt: 6, distance A: 83'-11 5/16" , distance B: 17'-1 5/8"
 pt: 7, distance A: 66'-2 1/4" , distance B: 46'-9 15/16"
 pt: 8, distance A: 46'-9 15/16" , distance B: 66'-2 1/4"
 pt: 9, distance A: 17'-1 5/8" , distance B: 83'-11 5/16"

Fig. 23